

HISTORIC AMERICAN ENGINEERING RECORD

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HAER
CAL
38-SANFRA
201-

Steam Tug HERCULES
San Francisco Maritime National Historical Park
San Francisco
San Francisco County
California

HAER No. CA-62

All photographs by Jet Lowe, April 1988.

- CA-62-1: Starboard profile at Pier 1.
- CA-62-2: View off starboard bow.
- CA-62-3: Starboard view from off stern quarter.
- CA-62-4: Stern view.
- CA-62-5: Port bow showing wheelhouse.
- CA-62-6: Port side of cabin showing stack and wheelhouse, looking forward.
- CA-62-7: Port side elevation of wheelhouse and stack.
- CA-62-8: View looking down on foredeck from wheelhouse showing crucifix bitt and anchor windlass.
- CA-62-9: Detail of anchor windlass with crucifix bitt and jack-staff socket flag pole holder beyond.
- CA-62-10: Detail of anchor windlass and anchor.
- CA-62-11: View looking aft at wheelhouse.
- CA-62-12: Top of stack view aft, starboard side.
- CA-62-13: Stack detail, view aft, port side.
- CA-62-14: View looking forward toward stack from stern, mizzenmast in foreground.
- CA-62-15: View looking forward at deckhouse, towing room just forward of wooden platform.

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- CA-62-16: Steam powered towing winch.
- CA-62-17: After deck showing towing bitt.
- CA-62-18: Interior of wheelhouse looking forward.
- CA-62-19: Crew's mess, deck house, forward. From left to right, volunteers Larry Boucher and Maggie Lindley, deckhand Bruce Vanvick, and volunteer Harry Morgan.
- CA-62-20: Galley, located in deck house just aft of crew's mess.
- CA-62-21: Crew's forecastle, located in bow beneath the foredeck.
- CA-62-22: Upper engine room, looking forward from starboard side at triple expansion engine.
- CA-62-23: Upper engine room, looking aft.
- CA-62-24: Crankshafts, starboard side.
- CA-62-25: Detail of cranks.
- CA-62-26: Engine water jacket, port side.
- CA-62-27: Cylinder head with machine toolroom beyond.
- CA-62-28: Machine toolroom, aft of upper engine room.
- CA-62-29: Scotch boiler, lower engine room, with Harry Morgan (former Chief Engineer for American President Lines).
- CA-62-30: Hold looking forward, water tank to right.
- CA-62-31: Anchor windlass drive motor, lower wheelhouse, port side.
- CA-62-32: View of framing in stern section.

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ADDENDUM TO
STEAM TUG HERCULES

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San Francisco Maritime National Historical Site, Hyde Street Pier
San Francisco
San Francisco County
California

CA-62-1 through CA-62-32 were previously transmitted in 1993

Brian Grogan/Photography and Preservation Associates, February, 1997

VIEWS TAKEN DURING DRY-DOCKING OPERATIONS

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| CA-62-33 | BOW VIEW OF HULL. |
| CA-62-34 | PORT BOW PROFILE OF HULL. |
| CA-62-35 | PORT HULL VIEW. |
| CA-62-36 | STERN VIEW OF HULL, RUDDER AND PROPELLER. |
| CA-62-37 | PORT STERN VIEW OF HULL, RUDDER AND PROPELLER. |
| CA-62-38 | STARBOARD HULL VIEW FROM ASTERN. |
| CA-62-39 | HALF-HULL MODEL 3/4 VIEW FROM BOW, PHOTOGRAMMETRIC IMAGE. |
| CA-62-40 | HALF-HULL MODEL PROFILE VIEW, PHOTOGRAMMETRIC IMAGE. |
| CA-62-41 | HALF-HULL MODEL AND OWNER (Bill Chapman), PHOTOGRAMMETRIC IMAGE. |
| CA-62-42 | HALF-HULL MODEL MEASURING SYSTEM (Mark Starr), PHOTOGRAMMETRIC IMAGE. |
| CA-62-43 | MOUNTED REMAINS OF CHRISTENING BOTTLE, PHOTOGRAMMETRIC IMAGE. |
| CA-62-44 | MOUNTED CHRISTENING BOTTLE AND OWNER (Bill Chapman), PHOTOGRAMMETRIC IMAGE. |

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All color xeroxes are made from a duplicate color transparency

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|---------------|---|
| CA-62-45 (CT) | DETAIL AT STERN OF RUDDER AND PROPELLOR |
| CA-62-46 (CT) | STERN VIEW LOOKING FORWARD |